

Web Caching Proxy 18
Operating System 22 Microprocessor 26
Storage Device 20
Cache Storage and Retrieval Routine
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Fig. 2

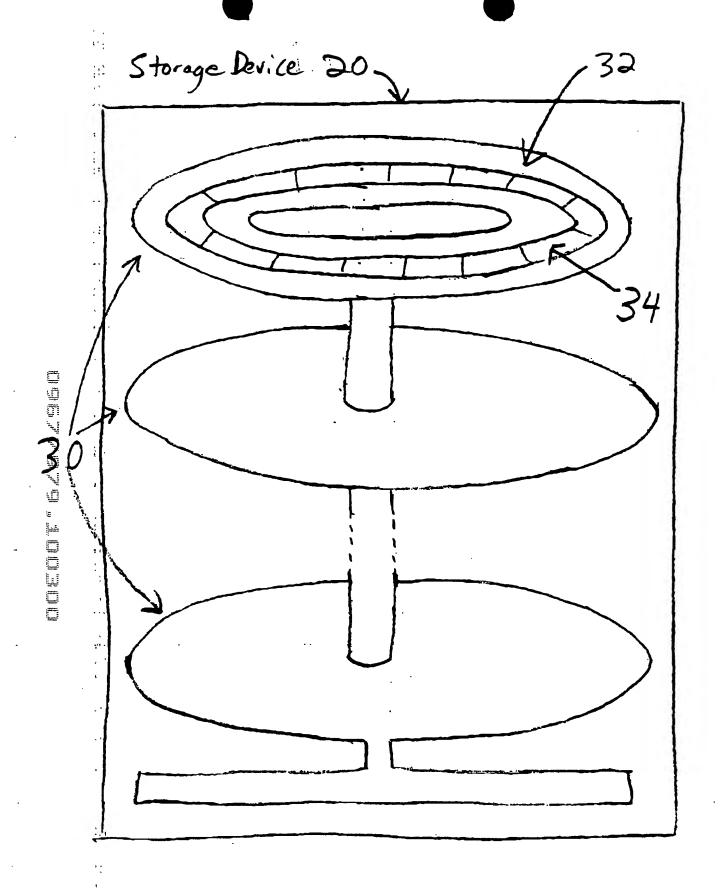


Fig. 3

Start
Submit Web page request to the Web origin server
Receive Web page
Parse Web page to obtain references to embedded objects
Store Web page in holding area
Receive embedded Web objects/ Store Web objects in holding area
Store Web page and embedded Webl objects in Co-located positions
Retrieve the Web page and embedded Web objects
End Fig. 4